



# Adyen Payment Gateway

## Edge Integration Guides

Adyen is a Dutch payment company that allows businesses to accept e-commerce payments. Cornerstone Extended Enterprise (EXE) can now be configured to use Adyen to process credit and debit card payments for all training transactions.



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# Getting started

## Things to Keep in Mind

**Only one payment gateway, Cybersource or Adyen, can be configured for a customer portal.**

These gateways cannot be configured to both be on at the same time. PayPal is not impacted, as it is an external service, and can be used in conjunction with either payment gateway.

**At this time, only credit and debit card payments are supported within the Adyen payment gateway.**

While Adyen offers a multitude of other payment types, Cornerstone is not supporting anything other than credit and debit cards at this time.

**During enablement, you will need to create an account with Adyen and Generate an API key.**

Creation of your account and an API key with Adyen will need to be done independently, Cornerstone's support team does not have insight into Adyen's processes and will not be able to assist.

**There are fees associated with the Adyen payment gateway that are not covered by Cornerstone.**

Your organization will need to take full responsibility for those fees and payment of those fees are done directly with Adyen.

# Permissions

To configure the Modify Payment Accounts page, you will need the following security permission:

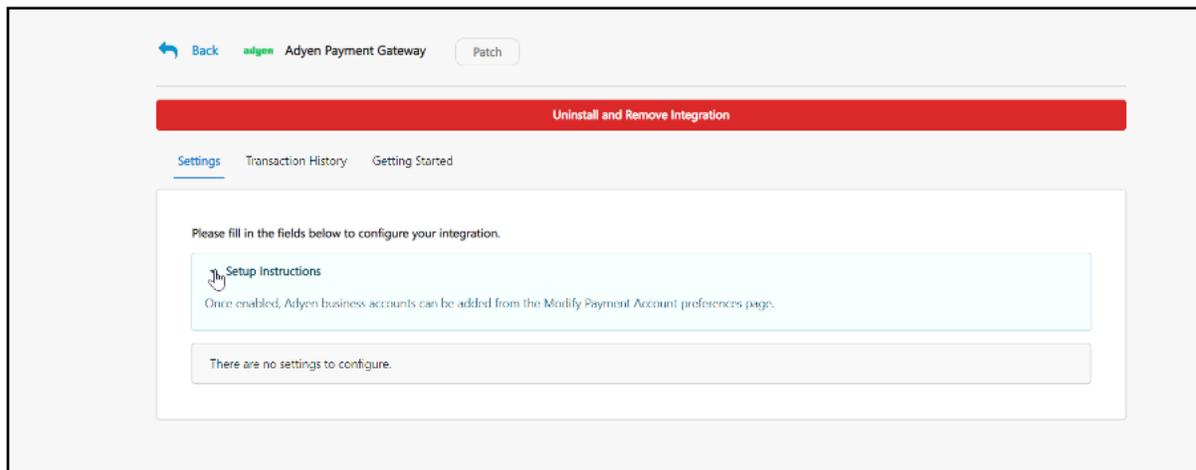
## **Payment Account - Modify**

Grants ability to create payment profiles to determine the routing of users' payments. This permission cannot be constrained.

Further EXE permissions can be found in the [E-Commerce](#) and [Shopping Cart](#) topics of Online Help

## Step 1 - Enablement via Edge

1. Log in to your Cornerstone Portal
2. Navigate to the Edge Marketplace (Admin Tools> Edge > Marketplace).
3. Search for Adyen Payment Gateway then click on the Integration tile
4. Click on Install or Purchase
5. Review the terms and conditions then select the checkbox for I have read, understand and agree to the above terms and conditions. Click on Install.
6. Click on **Configure Now**. You will be directed to the **Settings** page.



7. Click on “Back” to go to the Edge Integrations section
8. Click on the Adyen Payment Gateway toggle to enable the payment gateway in your portal



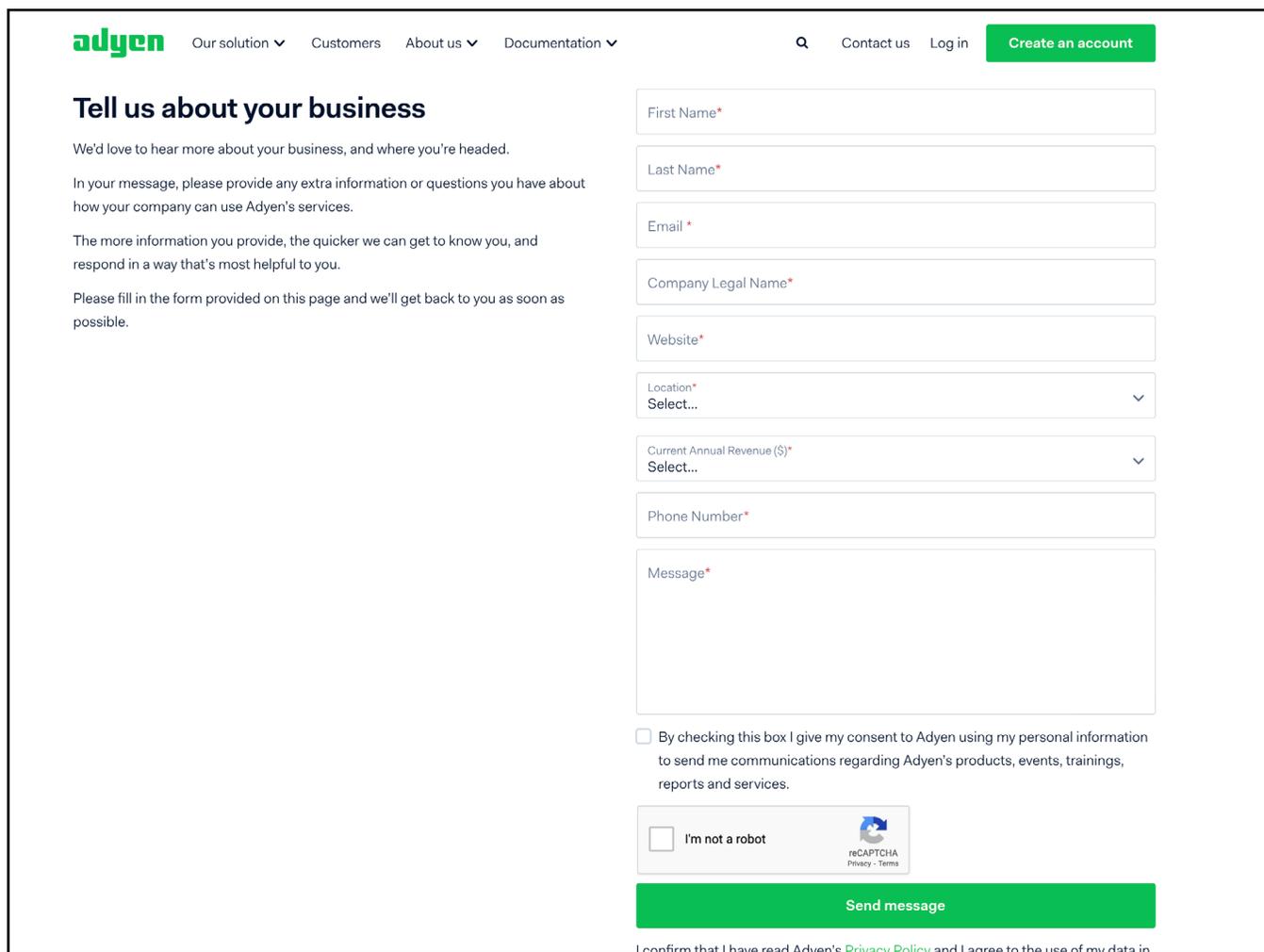
If the system finds there is already a Payment Gateway in use (excepting PayPal), it will not allow Adyen to be enabled. Administrators will need to disable the Edge integration of the Payment Gateway in use.

## Step 2 - Create an Adyen Account

Next, you will need to create a merchant account with Adyen. To do this, you will need:

- Go to [this link](#) to initiate the creation of a merchant account. This will put you in contact with the Adyen team who will assist with the creation of your account.
- Depending on your locality and regulations, this may be a fully online process or it may require direct contact with the Adyen sales team.

Remember, any fees associated with the Adyen payment gateway are not covered by Cornerstone.



The screenshot shows the Adyen website's 'Tell us about your business' form. The form is located on the right side of the page, with a green 'Create an account' button at the top right. The form fields include: First Name\*, Last Name\*, Email\*, Company Legal Name\*, Website\*, Location\* (dropdown menu with 'Select...' option), Current Annual Revenue (\$) (dropdown menu with 'Select...' option), Phone Number\*, and Message\*. Below the form fields, there is a checkbox for consent:  By checking this box I give my consent to Adyen using my personal information to send me communications regarding Adyen's products, events, trainings, reports and services. At the bottom of the form, there is a reCAPTCHA widget with the text 'I'm not a robot' and a 'Send message' button. The footer of the form contains the text: 'I confirm that I have read Adyen's [Privacy Policy](#) and I agree to the use of my data in

## Step 3 - API Key Generation

Once the merchant account is set up, then an API key will need to be generated:

- [Adyen's documentation](#) lays out how to create this key, and their [customer support center](#) is the contact point for any issues that may occur.
- This key needs to be copied when generated as it will be obfuscated in the Adyen account after creation.
- Adyen Payment Gateway functionality can be tested in your Cornerstone pilot or stage portal but each environment will require its own API key.
- According to documentation, this key does not expire unless a new key is generated.
- Part of this process will also involve generating a username, password, and client key for the account, which are required for the configuration of the payment account.

**Edit Web Service User**

User Account Details

User Name: Hidden for Privacy

Active:

Authentication

To authenticate with this webservice user, please use either the API Key or the Basic Authentication.

API Key

API Key: i .....  
\*XrB4

Generate New API Key

To authenticate from a client application

Client Key

Client Key: i test\_SMEG3I7DHVF4JG7CR7UY3IGKLEKAPPCT

Generate New Client Key

Basic Auth

Password: i .....

Retype Password: .....

Generate Password Generate POS Password

Last Password Change: 2020-01-14 14:29:16 CET

Save the information on the Adyen API key page for use in Cornerstone

## Step 4 - Modify Payment Account

After generating the API key and related data, you can set up a payment account in Cornerstone LMS:

1. Navigate to the Modify Payment Account Page under E-Commerce Preferences .  
*Admin > Tools > Learning > E-Commerce > Modify Payment Account*
2. Select the add button (plus sign) next to the Payment Account header.
3. On the creation page:
  - Under the Define Payment Gateway header, Adyen will now appear.

## Step 5 - Configure Payment Account

Once Adyen is selected, the Payment Gateway Information area will display and the following information can be filled in:

- **Merchant Account ID:** This is obtained from the your Adyen account and displays on the API Credentials page in Adyen.
- **X-API-KEY:** This is the key generated per Step 3. This key needs to be copied when generated as it will be obfuscated in the Adyen account after creation.
- **Username:** This is the username generated for the account from your Adyen account.  
This is not the username used to log into their Adyen account and is associated with the API key when generated (details included in the link above for generating the key). This data will display on the details page for the merchant account.
- **Password:** This is the password generated for the account from your Adyen account.  
This is not the username used to log into their Adyen account and is associated with the API key when generated (details included in the link above for generating the key). This needs to be copied when generated as it will be obfuscated in the Adyen account after creation.
- **3D Secure:** This is a setting that can be enabled on this page, but it must also be configured in your Adyen account. Without configuring this first in Adyen, there will be errors when attempting to perform transactions in the Cornerstone portal. This should only be checked if it is confirmed that the steps in the related documentation have been completed.

### Define Payment Account

**Define Payment Account**

Name :

Description :

**DEFINE CRITERIA**

**DEFINE PAYMENT GATEWAY**

PayPal

Adyen

Payproc1

**PAYMENT GATEWAY INFORMATION**

Please enter Payment Gateway information. API Key, User and Password are generated by the selected Payment Gateway Website tool.

Merchant Account ID :

X-API-KEY :

Username :

Password :

3D Secure :  Check to turn on Payer Authentication. (Payer authentication might require additional configuration from Payment Gateway.)

# Next steps

## Configuring Multiple Accounts

Once the above steps are completed, then the account can be saved, which will make this gateway available for the specified criteria on the payment account. This process can be completed as many times as needed to make as many payment accounts as the customer needs based on different criteria. For most, there is only a need for a single account. Note that all these accounts will only require one API key, but can be split up by specific criteria in the Cornerstone portal if needed by the customer.

## EXE Functionality

With the Adyen payment gateway enabled, the rest of the EXE functionality will work in the same way as it would if Cybersource was selected as the payment gateway:

- **Pricing:** This can still be set at the LO level for all pricing enabled LOs.
- **Pricing Rules:** These can still be configured at the individual LO level as they could before the change.
- **Currencies:** Currency functionality remains the same and was not touched by this work.
- **Shopping Cart:** All configurations for the shopping cart remain the same as they were before this new functionality was introduced.
- **Checkout Process:** Any checkout customization will remain the same and all tools available before the change will continue to function with all gateways.
- **Manage Transactions:** All transactions will show here as they did before changing gateways.
- **Non Credit or Debit Card Payment Types:** No impact and these can still be configured as they would be when using Cybersource.